

Amendments to the Claims

1. (Currently Amended) A speech application system, comprising:
  - A. a speech recognition (SR) system configured to receive an audio input and generate a set of semantic data representing a plurality of valid interpretations of said audio input, wherein said set of semantic data is represented as a semantic tree instance that is represented by at least one object;
  - B. a speech application script, loaded at the SR system and configured to task said SR system, said application script defining a context;
  - C. a semantic data evaluator, configured to receive said set of semantic data and said context and, as a function thereof, to generate a linguistic result corresponding to said audio input, and to return said linguistic result to said application script; and
  - D. a set of reusable object oriented interfaces local to the SR system, said interfaces configured to interface said application script with said SR system.
2. (Original) A system as in claim 1, wherein one or more of said application script is included in a Web page.
3. (Original) A system as in claim 1, wherein one or more of said interfaces are objects exposed via ActiveX facilities.

4. (Original) A system as in claim 1, wherein said application script includes programming code written in a language chosen from a group of scripting languages comprising

- (1) Jscript;
- (2) PerlScript; and
- (3) VBscript.

5. (Cancelled)

6. (Cancelled)

7. (Original) A system as in claim 1, wherein said audio input is received from a device chosen from a group comprising:

- A. a telephone;
- B. a cellular telephone;
- C. a personal computer;
- D. an application server; and
- E. an audio receiver.

8. (Original) A system as in claim 1, wherein said audio input is received via a network comprised of one or more wire or wireless networks from a group comprising:

- A. a telephone network;
- B. a cellular telephone network;

- C. a LAN;
- D. a WAN;
- E. a virtual private network;
- F. the Internet; and
- G. the Web.

9. (Original) A system as in claim 1, wherein said plurality of valid interpretations of said audio input includes all valid interpretations of said audio input within said context.

10. (Original) A system as in claim 1, wherein speech application is chosen from a group of interactive speech applications comprising:

- A. consumer survey applications;
- B. Web access applications;
- C. educational applications, including health education applications and computer-based lesson applications and testing applications;
- D. screening applications, including patient screening applications and consumer screening applications;
- E. health risk assessment applications;
- F. monitoring applications, including health data monitoring applications and consumer preference monitoring applications;
- G. compliance applications, including applications that generate notifications of compliance related activities, including notifications regarding health or product

maintenance;

H. test results applications, including applications that provide at least one of lab test results, standardized tests results, consumer product test results, and maintenance results; and

I. linking applications, including applications that link two or more of the applications in parts A through H.

Claims 11-18 (Cancelled)

19. (New) A method of speech recognition (SR), comprising the steps of:

A. receiving an audio input with a SR system and generating a set of semantic data representing a plurality of valid interpretations of said audio input, including representing the set of semantic data as a semantic tree instance that is represented by at least one object;

B. defining a context with an application script configured for tasking said SR system;

C. interfacing said application script with the SR system via a set of reusable object oriented interfaces local to the SR system; and

D. generating a linguistic result corresponding to said audio input as a function of the set of semantic data and the context and returning said linguistic result to said application script.